



RAW SEQUENCE LISTING DATE: 09/18/2001 PATENT APPLICATION: US/09/941,314 TIME: 11:30:48

Input Set : A:\PTO_VSK.txt

Output Set: N:\CRF3\09182001\1941314.raw

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C>										. 110	2/00	/0//1	314					
		<140> CURRENT APPLICATION NUMBER: US/09/941,314																
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											58							
	29	gcca	ayac	166 (-ggc	icyas	, y	1000		L gu		Lyc	aycı	-yaa	990		et Ala	50
	30																l Ara	
		aaa	ccc	taa	car	acc	cta	caσ	ctc	cta	tta	acc	att	cta	tta		_	106.
					_	-		-	Leu	_	_	_			-			100,
	34	GIU	110	5	GIII	AIG	пси	GIII	10	шси	пси	nια	110	15	LCu	T11T	пса	
		ato	acc	_	CCC	tac	caa	αca	agg	aad	222	acc	+++		adc	atc	cat	154
									Arg									131
	38		20	пси	110	111	(25	nry	цуз	Буз	1111	30	שבע	501	*41	1113	
				ato	aca	αta	паа		tat	aca	aarr	gac		ttα	can	taa	atc	202
		-		_	_	-	-		Tyr		-	_						202
	42	35	, 41	1100	niu	741	40	non	-11-	nii	цу	45	001	LCu	0111		50	
			aac.	car	tat	aac		αaa	agt	αat	aac		tac	cac	ttc	аσσ		250
			-	_			_	_	Ser	_	-	_						250
	46		пор	01	-1-	55	1,5	O L u	001		60	_,_	-1-			65	110	
		ttc	cga	atc	ctt		atc	cag	agg	caσ		act	gac	cac	cta		tat	298
			_	-			-	_	Arg	_	-							200
	50		9		70		, 42	02		75					80		-1-	
		cac	cta	aat		αаа	atα	caq	tgg		acc	tac	caa	aaσ		σασ	acc	346
									Trp									0.0
	54			85					90			-1-		95				
		acα	aac		atc	ccc	caσ	σаа	agg	σασ	ctt	cac	aaσ		atc	aac	tac	394
									Arg									
	58		100	-10				105	9				110				-1-	
		ttc		tca	ata	t.t.t	act		ccc	taa	ttt	gaa		tac	aaa	att	tta	442
									Pro									
•		115	1 110	501	• 41		120		-10		- 110	125		-1-	_, _		130	
			aaa	age	tac	age		gac	taσ	atat	taata		gaata	acaa	ct a	caac	cactg	496
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66	135										
68 catgtgagag aatcctgcaa tgggcaataa tccttaatat aggcaataaa tgtttgtcaa 556											
69 catattctct taaa	catattctct taaaaaaa 574										
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72 <211> LENGTH: 1											
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74 <213> ORGANISM:	Homo sapien	S									
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78 1	5	_	10	15							
79 Thr Leu Met Ala	Leu Pro Tyr	Gln Ala A	Arg Lys Lys	Thr Phe Leu	Ser						
80 20		25		30							
81 Val His Glu Val	Met Ala Val	Glu Asn T	Tyr Ala Lys	Asp Ser Leu	Gln						
82 35		40		45							
83 Trp Ile Thr Asp	=	Lys Glu S	•	Lys Tyr His	Phe						
84 50	55		60								
85 Arg Ile Phe Arg		Val Gln A		Thr Asp His							
86 65	70	_	75		80						
87 Glu Tyr His Leu					Pro						
88	85	_	90	95	1						
89 Glu Thr Thr Asn			Arg Glu Leu		Val						
90 100		105		110	▼						
91 Asn Cys Phe Phe	Ser val Phe		ero Trp Pne		ьуs						
92 115	C C C	120		125							
93 Ile Leu Asn Lys 94 130	ser cys ser 135	-									
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99 <212> TYPE: PRT											
100 <213> ORGANISM		ne									
100 <213> ORGANISH 102 <400> SEQUENCE		115									
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104 1	5		10	15							
105 Val Glu Asn Ty		p Ser Leu									
106 20	_	25		30	2						
107 Asn Lys Glu Se			Phe Arg Ile		l Leu						
108 35		40	,	45							
109 Lys Val Gln Ar	q Gln Val Th	r Asp His	Leu Glu Ty	r His Leu As	n Val						
110 50	55	=	60								
111 Glu Met Gln Tr	p Thr Thr Cy	s Gln Lys	Pro Glu Thi	r Thr Asn Cy	s Val						
112 65	70	-	75	-	80						
113 Pro Gln Glu Ar	g Glu Leu Hi	s Lys Gln	Val Asn Cys	s Phe Phe Se	r Val						
114	85	-	90	95							
115 Phe Ala Val Pr	o Trp Phe Gl	u Gln Tyr	Lys Ile Le	ı Asn Lys Se	r Cys						
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117 Ser Ser Asp											
118 115											
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Input Set : A:\PTO_VSK.txt

Output Set: N:\CRF3\09182001\I941314.raw

- 123 <212> TYPE: PRT
- 124 <213> ORGANISM: Homo sapiens
- 126 <400> SEQUENCE: 4
- 127 Leu Pro Tyr Gln Ala Arg Lys Lys Thr Phe Leu Ser Val His Glu Val
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- 129 Met Ala Val Glu Asn Tyr Ala Lys Asp Ser Leu Gln Trp Ile Thr Asp
- 131 Gln Tyr Asn Lys Glu Ser Asp Asp Lys Tyr His Phe Arg Ile Phe Arg
- 132 40
- 133 Val Leu Lys Val Gln Arg Gln Val Thr Asp His Leu Glu Tyr His Leu
- 55
- 135 Asn Val Glu Met Gln Trp Thr Thr Cys Gln Lys Pro Glu Thr Thr Asn
- 70 75
- 137 Cys Val Pro Gln Glu Arg Glu Leu His Lys Gln Val Asn Cys Phe Phe
- 85 90
- 139 Ser Val Phe Ala Val Pro Trp Phe Glu Gln Tyr Lys Ile Leu Asn Lys
 - 100 105
- 141 Ser Cys Ser Ser Asp
- 115 142
- 145 <210> SEQ ID NO: 5
- 146 <211> LENGTH: 22
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- 148 <213> ORGANISM: Homo sapiens
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- 151 Gln Ala Arg Lys Lys Thr Phe Leu Ser Val His Glu Val Met Ala Val
- 10
- 153 Glu Asn Tyr Ala Lys Asp
- 154 20
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- 159 <212> TYPE: PRT
- 160 <213> ORGANISM: Homo sapiens
- 162 <400> SEQUENCE: 6
- 163 Arg Lys Lys Thr Phe Leu Ser Val His Glu Val Met Ala Val Glu Asn
- 164 1 5 10
- 165 Tyr Ala Lys Asp Ser Leu Gln Trp Ile Thr Asp Gln Tyr Asn Lys Glu
- 25 166 20
- 167 Ser Asp Asp Lys
- 35
- 171 <210> SEQ ID NO: 7
- 172 <211> LENGTH: 18
- 173 <212> TYPE: PRT
- 174 <213> ORGANISM: Homo sapiens
- 176 <400> SEQUENCE: 7
- 177 Lys Asp Ser Leu Gln Trp Ile Thr Asp Gln Tyr Asn Lys Glu Ser Asp
- 178 1
- 179 Asp Lys
- 183 <210> SEQ ID NO: 8
- 184 <211> LENGTH: 35





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186 <213> ORGANISM: Homo sapiens
188 <400> SEQUENCE: 8
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191 Asp Lys Tyr His Phe Arg Ile Phe Arg Val Leu Lys Val Gln Arg Gln
192
                                  25
               20
193 Val Thr Asp
194
           35
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198 <211> LENGTH: 27
199 <212> TYPE: PRT
200 <213> ORGANISM: Homo sapiens
202 <400> SEQUENCE: 9
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204 1 5
                                      10
205 Arg Val Leu Lys Val Gln Arg Gln Val Thr Asp
206 20
209 <210> SEQ ID NO: 10
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211 <212> TYPE: PRT
212 <213> ORGANISM: Homo sapiens
214 <400> SEQUENCE: 10
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217 Lys Val Gln Arg Gln Val Thr Asp His Leu Glu Tyr His Leu Asn Val
    20
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219 Glu Met Gln Trp Thr Thr Cys Gln Lys Pro Glu Thr Thr Asn
220 35
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224 <211> LENGTH: 24
225 <212> TYPE: PRT
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231 Trp Thr Thr Cys Gln Lys Pro Glu
232
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236 <211> LENGTH: 33
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238 <213> ORGANISM: Homo sapiens
240 <400> SEQUENCE: 12
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243 Thr Thr Cys Gln Lys Pro Glu Thr Thr Asn Cys Val Pro Gln Glu Arg
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25

249 <210> SEQ ID NO: 13

244

245 Glu



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Input Set : A:\PTO_VSK.txt

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250 <211> LENGTH: 49 251 <212> TYPE: PRT 252 <213> ORGANISM: Homo sapiens 254 <400> SEQUENCE: 13 255 Asp Gln Tyr Asn Lys Glu Ser Asp Asp Lys Tyr His Phe Arg Ile Phe 257 Arg Val Leu Lys Val Gln Arg Gln Val Thr Asp His Leu Glu Tyr His 25 20 259 Leu Asn Val Glu Met Gln Trp Thr Thr Cys Gln Lys Pro Glu Thr Thr 260 261 Asn 265 <210> SEQ ID NO: 14 266 <211> LENGTH: 52 267 <212> TYPE: PRT 268 <213> ORGANISM: Homo sapiens 270 <400> SEQUENCE: 14 271 Lys Glu Ser Asp Asp Lys Tyr His Phe Arg Ile Phe Arg Val Leu Lys - 5 10 273 Val Gln Arg Gln Val Thr Asp His Leu Glu Tyr His Leu Asn Val Glu 275 Met Gln Trp Thr Thr Cys Gln Lys Pro Glu Thr Thr Asn Cys Val Pro 35 40 277 Gln Glu Arg Glu 278 50 281 <210> SEQ ID NO: 15 282 <211> LENGTH: 80 283 <212> TYPE: PRT 284 <213> ORGANISM: Homo sapiens 286 <400> SEQUENCE: 15 287 Gln Tyr Asn Lys Glu Ser Asp Asp Lys Tyr His Phe Arg Ile Phe Arg 10 - 5 289 Val Leu Lys Val Gln Arg Gln Val Thr Asp His Leu Glu Tyr His Leu 25 291 Asn Val Glu Met Gln Trp Thr Thr Cys Gln Lys Pro Glu Thr Thr Asn 35 293 Cys Val Pro Gln Glu Arg Glu Leu His Lys Gln Val Asn Cys Phe Phe 295 Ser Val Phe Ala Val Pro Trp Phe Glu Gln Tyr Lys Ile Leu Asn Lys 70 299 <210> SEQ ID NO: 16 300 <211> LENGTH: 59 301 <212> TYPE: PRT 302 <213> ORGANISM: Homo sapiens 304 <400> SEQUENCE: 16 305 Arg Gln Val Thr Asp His Leu Glu Tyr His Leu Asn Val Glu Met Gln 5 10 307 Trp Thr Thr Cys Gln Lys Pro Glu Thr Thr Asn Cys Val Pro Gln Glu

309 Arg Glu Leu His Lys Gln Val Asn Cys Phe Phe Ser Val Phe Ala Val



VERIFICATION SUMMARY
PATENT APPLICATION: US/09/941,314

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Input Set : A:\PTO_VSK.txt

Output Set: N:\CRF3\09182001\I941314.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date